

=> fil reg  
FILE 'REGISTRY' ENTERED AT 15:44:03 ON 15 JUN 2006

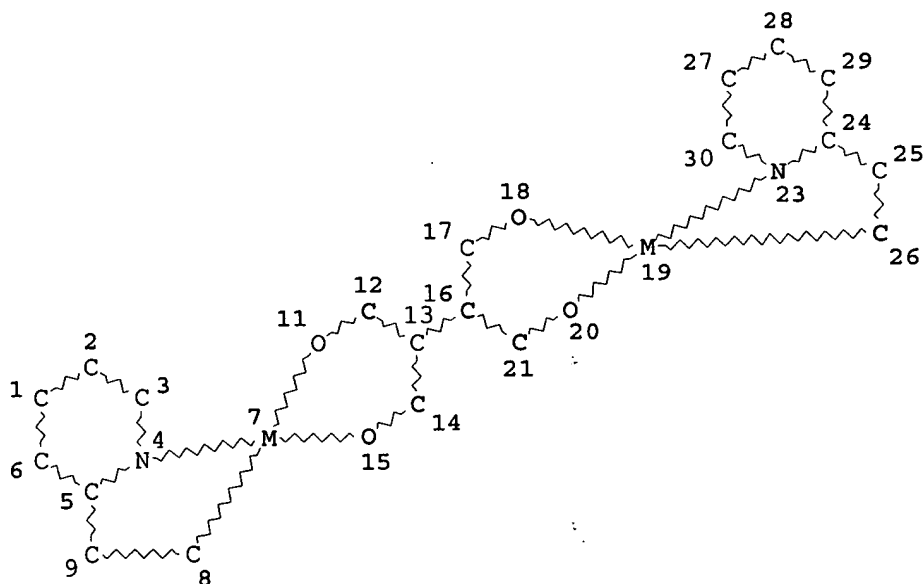
=> d his

FILE 'HCAPLUS' ENTERED AT 14:53:57 ON 15 JUN 2006  
L1 1 S US20050164031/PN  
SEL RN

FILE 'REGISTRY' ENTERED AT 14:54:16 ON 15 JUN 2006  
L2 12 S E1-E12  
L3 STR  
L4 STR L3  
L5 0 S L4  
L6 STR L4  
L7 2 S L6  
L8 13 S L6 FUL  
L9 1 S L8 NOT L2  
SAV L8 YAM739/A

FILE 'HCAPLUS' ENTERED AT 15:43:13 ON 15 JUN 2006  
L10 2 S L8

=> d que 110  
L6 STR



NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 28

STEREO ATTRIBUTES: NONE  
L8 13 SEA FILE=REGISTRY SSS FUL L6

EIC 1700 Search  
Key

L10 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L8

=> fil hcap  
FILE 'HCAPLUS' ENTERED AT 15:45:01 ON 15 JUN 2006

=> d l10 1-2 ibib abs hitstr hitind

L10 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2005:672680 HCAPLUS  
DOCUMENT NUMBER: 143:182853  
TITLE: Dual emitting dyads of heavy metal complexes  
as broad band emitters for organic LEDs  
INVENTOR(S): Thompson, Mark E.; Ma, Biwu; Djurovich, Peter  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 37 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005164031	A1	20050728	US 2004-807739	2004 0324
WO 2005073341	A1	20050811	WO 2005-US2050	2005 0121

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,  
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG,  
ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,  
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL,  
PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH,  
CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT,  
LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF,  
CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-539210P P 2004  
0126  
US 2004-807739 A 2004  
0324

OTHER SOURCE(S): MARPAT 143:182853  
AB Comps. which comprise a first metal center and a second metal  
center, wherein each metal has an atomic weight >40; and a bridging  
ligand coordinated to the first metal center and the second metal  
center; and  $\geq 1$  photoactive ligand bound to the first metal  
center, and  $\geq 1$  photoactive ligand bound to the second metal